FORM PTO-892 (REV. 2-92)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO.	GROUP ART UNIT	ATTACHMENT TO PAPER NUMBER	
NOTICE OF REFERENCES CITED		10-054,358	2817		3
		APPLICANT(S) Senthikumar et al.			

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A	3930169	12-30-1975	Kuhn, Jr.	328	46	
	B	5805029	9-8-1998	Theus et al.	331	116FE	
	C	5977839	11-2-1999	Tsumura	331	36C	
	D	6094105	7-25-2000	Williamson	331	116FE	
	E	6337604	1-8-2002	Clarke	331	116R	5-12-2000
	F	6400231	6-4-2002	Leduc et al.	331	116FE	8-18-2000
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PERTINENT PP. SPEC.
	L	EP 1134921 A2	9-19-2001	Europe	Kallio et al.	—	—		
	M	JP 1190110 6	7-31-1989	Japan	Kashihisa	—	—		
	N								
	O								
	P								
	Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R Horn "Basic Electronics Theory" 4th Edition TAB Books 1994 pp 418-426 and 377 and 378

S Levine "An Algorithm to Synchronize the Time of a computer to Universal Time" IEEE Transactions on Networking

O Vol 3, No1 February 1995, pp 42-50

U Levine "Time Synchronization over the Internet using "AutoLock"" 1998 IEEE International Frequency Control Symposium 1998 pp 241-249

EXAMINER	DATE	
SHINGLETON	4-16-2003	Sheet 1 of 3

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

FORM PTO-892 (REV. 2-92)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO.	GROUP ART UNIT	ATTACHMENT TO PAPER NUMBER	
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		APPLICANT(S) Senthikumar et al.			

U.S. PATENT DOCUMENTS

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	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PERTINENT PP. SPEC.
	L								
	M								
	N								
	O								
	P								
	Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	R	Levine "Time Synchronization over the Internet Using an Adaptive Frequency-Locked Loop" IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control vol. 46 No 4 July 1999 pp 888-896
	S	Fasbender et al. "On Assessing Unidirectional Latencies in Packet-Switched Networks" IEEE 1997 pp 490-494
	T	Levine "Time Synchronization Using the Internet" IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control vol. 45 No 2 March 1998 pp 450-460
	U	Monington et al. "Time Synchronization Using the Internet" IEEE International Frequency Control Symposium, 1997 pp 395-403

EXAMINER	DATE	
SHINGLETON	4-16-2003	Sheet 2 of 3

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

FORM PTO-892 (REV. 2-92)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO.	GROUP ART UNIT	ATTACHMENT TO PAPER NUMBER
NOTICE OF REFERENCES CITED		10-054,358	2817	3
		APPLICANT(S) Senthikumar et al.		

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PERTINENT PP. SPEC.
	L								
	M								
	N								
	O								
	P								
	Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R Mills "Improved ~~Algorithms~~ Algorithms for Synchronizing Computer Network Clocks" IEEE Transactions on Networking vol. 3, No3 June 3, 1995 pp 245-254

S Lombardi "Computer Time Synchronization" Time & Frequency Division National Institute of Standards and Technology pp 1-7 1999 http://tf.nist.gov/general/pubs.htm

T "Set your Computer Clock Via the Internet" NIST Internet Time Service April 2003 pp 1-4 http://www.boulder.nist.gov/timefreq/service/its.htm

U "Evaluating the Accuracy of Maxim Real-Time Clocks (RTCs)" Dallas MAXIUM App Notes August 1, 2001 pp 1-7 http://www.maxim-ic.com/appnotes.cfm/appnote_number/632/ln/en

EXAMINER	DATE	
SHINGLETON	4-16-2003	Sheet 3 of 3

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

FORM PTO-892 (REV. 2-92)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO.	GROUP ART UNIT	ATTACHMENT TO PAPER NUMBER	
NOTICE OF REFERENCES CITED		10-054,358	2817		5
		APPLICANT(S) Senthilkumar			

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A	4851792	7-25-1989	Ochiai et al.	331	158	
	B						
	C						
	D						
	E						
1	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PERTINENT PP. SPEC.
	L								
	M								
	N								
	O								
	P								
	Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R	
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EXAMINER	DATE
SHINGLETON	9-20-2003

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